

Contents

Alberti, G., s. Ludwig, M.	43	Lending, C. R., Kriz, A. L., Larkins, B. A., Bracker, C. E., Structure of Maize Protein Bodies and Immunocytochemical Localization of Zeins	51
Bouck, G. B., s. Dubreuil, R. R.	150	Ludwig, M., Alberti, G., Mineral Congregations, "Spherites" in the Midgut Gland of <i>Coelotes terrestris</i> (Araneae): Structure, Composition and Function	43
Bracker, C. E., s. Lending, C. R.	51	McCoy, Karen, Knox, R. B., The Plasma Membrane and Gener- ative Cell Organization in Pollen of the Mimosoid Legume, <i>Acacia retinodes</i>	85
Brown, R. C., Lemmon, B. E., Preprophasic Microtubule Sys- tems and Development of the Mitotic Spindle in Hornworts (Bryophyta)	11	Mogensen, H. L., s. Wagner, V. T.	101
Brown, R. M., Jr., s. Legge, R. L.	38	Mulisch, Maria, Perinuclear Organization in the Heterotrich Cil- iate <i>Stentor coerules</i>	170
Carde, J.-P., s. Cheniclet, Catherine	74	Nagahashi, G., Garzarella, Linda, An Extrinsic Marker for Higher Plant Cell Walls	165
Cheniclet, Catherine, Carde, J.-P., Differentiation of Leuco- plasts: Comparative Transition of Proplastids to Chloro- plasts or Leucoplasts in Trichomes of <i>Stachys lanata</i> Leaves	74	Noguchi, T., Ueda, K., Cortical Microtubules and Cortical Mi- crofilaments in the Green Alga, <i>Micrasterias pinnatifida</i>	188
Chessen, G., Fahn, A., Cell Hypertrophy in Stems of <i>Pinus</i> <i>halepensis</i> Infested by <i>Matsucoccus josephi</i>	111	Peck, R. K., s. Kiersnowska, Mauryla	93
Dubreuil, R. R., Bouck, G. B., Interrelationships Among the Plasma Membrane, the Membrane Skeleton and Surface Form in a Unicellular Flagellate	150	Pickett-Heaps, J. D., Wetherbee, R., Hill, D. R. A., Cell Division and Morphogenesis of the Labiate Process in the Centric Diatom <i>Ditylum brightwellii</i>	139
Fahn, A., s. Chessen, G.	111	Rudolph, U., Schnepf, E., Investigations of the Turnover of the Putative Cellulose-synthesizing Particle "Rosettes" Within the Plasma Membrane of <i>Funaria hygrometrica</i> Protonema Cells. I. Effects of Monensin and Cytochalasin B	63
Fukuda, H., s. Kobayashi, H.	29	Schnepf, E., Cytochalasin D Inhibits Completion of Cytokinesis and Affects Theca Formation in Dinoflagellates	22
Fukuda, H., s. Iwasaki, T.	130	Schnepf, E., s. Rudolph, U.	63
Gaffal, K. P., The Basal Body-Root Complex of <i>Clamydomonas</i> <i>reinhardtii</i> During Mitosis	118	Schulz, A., Vascular Differentiation in the Root Cortex of Peas: Premitotic Stages of Cytoplasmic Reactivation	176
Garzarella, Linda, s. Nagahashi, G.	165	Shibaoka, H., s. Iwasaki, T.	130
Graham, E. T., s. Joshi, P. A.	1	Shibaoka, H., s. Kobayashi, H.	29
Haller, G. de, s. Kiersnowska, Mauryla	93	Stewart, J. McD., s. Joshi, P. A.	1
Hill, D. R. A., s. Pickett-Heaps, J. D.	139	Ueda, K., s. Noguchi, T.	188
Iwasaki, T., Fukuda, H., Shibaoka, H., Relationship Between DNA Synthesis and the Increase in the Level of Tubulin During Dedifferentiation of Isolated <i>Zinnia</i> Mesophyll Cells	130	Wagner, V. T., Mogensen, H. L., The Male Germ Unit in the Pollen and Pollen Tubes of <i>Petunia hybrida</i> : Ultrastructural, Quantitative and Three-Dimensional Features	101
Joshi, P. A., Stewart, J. McD., Graham, E. T., Ultrastructural Localization of ATPase Activity in Cotton Fiber During Elongation	1	Wetherbee, R., s. Pickett-Heaps, J. D.	139
Kiersnowska, Mauryla, Peck, R. K., de Haller, G., Cell to Cell Recognition Between the Ciliate <i>Pseudomicrothorax dubius</i> and Its Food Organisms: the Role of Surface Charges	93		
Knox, R. B., s. McCoy, Karen	85		
Kobayashi, H., Fukuda, H., Shibaoka, H., Interrelation Between the Spatial Disposition of Actin Filaments and Microtubules During the Differentiation of Tracheary Elements in Cul- tured <i>Zinnia</i> Cells	29		
Kriz, A. L., s. Lending, C. R.	51		
Larkins, B. A., s. Lending, C. R.	51		
Legge, R. L., Brown, R. M., Jr., Modification of Protoplast Cell Wall Regeneration by Membrane Perturbation	38		
Lemmon, B. E., s. Brown, R. C.	11		

Rapid Communication

Alberti, G., Storch, V., Internal Fertilization in a Meiobenthic Priapulid Worm: <i>Tubiluchus philippinensis</i> (Tubiluchidae, Priapulida)	193
Storch, V., s. Alberti, G.	193